



PTO/SB/08A (10-01)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

Complete if Known

Application Number	10/052,905
Filing Date	November 2, 2001
First Named Inventor	Schwendner, Susan, et. al.
Art Unit	1614
Examiner Name	Unassigned
Attorney Docket Number	018781-007210US

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U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
Fl	AA	US-1,955,207		04/17/1934	Stotter <i>et al.</i>	
	AB	US-2,358,365		09/19/1944	B.F. Tullar	
	AC	US-2,402,623		06/25/1946	Hester, <i>et al.</i>	
	AD	US-2,450,863		10/05/1948	Altamura, <i>et al.</i>	
	AE	US-2,937,202		05/17/1960	Slagh, <i>et al.</i>	
	AF	US-3,034,955		05/19/1962	Frick, <i>et al.</i>	
	AG	US-3,322,828		05/30/1967	Muth, <i>et al.</i>	
	AH	US-3,505,455		04/07/1970	Gipstein, <i>et al.</i>	
	AI	US-3,951,910		04/1976	Mark	
	AJ	US-4,013,621		03/22/1977	Knell	
	AK	US-4,034,110		07/05/1977	Mitrovic, <i>et al.</i>	
	AL	US-4,080,379		03/21/1978	Seng, <i>et al.</i>	
	AM	US-4,123,553		10/31/1978	Mitrovic, <i>et al.</i>	
	AN	US-4,239,699		12/16/1980	MacKay, <i>et al.</i>	
	AO	US-4,258,058		03/24/1981	Witte, <i>et al.</i>	
	AP	US-4,373,017		02/08/1983	Masukawa, <i>et al.</i>	
	AQ	US-4,443,477		04/17/1984	Witte, <i>et al.</i>	
	AR	US-4,483,986		11/20/1984	Dominiani	
	AS	US-4,692,466		09/08/1987	Yoshimoto, <i>et al.</i>	
	AT	US-4,851,445		07/25/1989	Yoshimoto, <i>et al.</i>	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
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	AV	DE	3821540		12/28/1989			<input type="checkbox"/>
	AW	DE	36 23 184 A		01/14/1988			<input type="checkbox"/>
	AX	DE	622 494 C		11/29/1935			<input type="checkbox"/>
	AY	GB	859 345 A		01/18/1961			<input type="checkbox"/>
	AZ	GB	938 890 A		10/09/1963			<input type="checkbox"/>
	BA	GB	1 189 720 A		04/29/1970			<input type="checkbox"/>
	BB	GB	1 242 057 A		08/11/1971			<input type="checkbox"/>

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Sheet

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Application Number	10/052,905
Filing Date	November 2, 2001
First Named Inventor	Schwendner, Susan, et. al.
Art Unit	1614
Examiner Name	Unassigned
Attorney Docket Number	018781-007210US

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FL	CN	US-4,870,107	09/26/1989	Yoshimoto, et al.	
	CO	US-4,881,969	11/21/1989	Saupe, et al.	
	CP	US-4,883,914	11/19/1989	Alvarado, et al.	
	CQ	US-4,900,867	02/13/1990	Wilkes, et al.	
	CR	US-4,918,106	04/17/1990	Yoshimoto, et al.	
	CS	US-5,143,937	09/01/1992	Lang, et al.	
	CT	US-5,189,211	02/23/1993	Sato, et al.	
	CU	US-5,250,549	10/19/1993	Yoshino, et al.	
	CV	US-5,280,043	01/18/1994	Cooper, et al.	
	CW	US-5,385,931	01/31/1995	Bigg, et al.	
	CX	US-5,387,709	02/07/1995	Lardy, et al.	
	CY	US-5,610,320	03/11/1997	Yoshino, et al.	
	CZ	US-5,773,236	06/1998	Diwu, et al.	
	CAA	US-5,780,483	07/14/1998	Widdowson, et al.	
	CBB	US-5,880,151	03/09/1999	Medina, et al.	
	CCC	US-5,891,917	04/1999	Tang, et al.	
	CDD	US-6,121,304	03/09/1999	Flygare, et al.	
	CEE	US-6,214,880	04/10/2001	Houze	
FL	CFF	US-6,284,923	09/04/2001	Medina, et al.	
	CGG	US-			

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		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
FL	CHH	GB	1 306 564 A	02/14/1973			<input type="checkbox"/>
	CII	EP	0 472 449 A	02/26/1992			<input type="checkbox"/>
	CJJ	EP	0 391 799 A	10/10/1990			<input type="checkbox"/>
	CKK	EP	0 469 901 A	02/05/1992			<input type="checkbox"/>
	CLL	EP	0 472 053 A	02/26/1999			<input type="checkbox"/>
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	DA	WO	97/30677	08/28/1997			<input type="checkbox"/>
FL	DB	WO	01/08693	02/2001			<input type="checkbox"/>

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			Filing Date	November 2, 2001	
			First Named Inventor	Schwendner, Susan, et. al.	
			Art Unit	1614	
			Examiner Name	Unassigned	
Sheet	1	of	Attorney Docket Number	018781-007210US	

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	EN	US-			
	EO	US-			
	EP	US-			
	EQ	US-			
	ER	US-			
	ES	US-			
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	EU	US-			
	EV	US-			
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	EX	US-			
	EY	US-			
	EZ	US-			
	EAA	US-			
	EBB	US-			
	ECC	US-			
	EDD	US-			
	EEE	US-			
	EFF	US-			
	EGG	US-			

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		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
Fk	EHH	WO	99/67258 A	12/1999			<input type="checkbox"/>
	EII	WO	98/05315	02/15/1998			<input type="checkbox"/>
	EJJ	WO	98/16227 A	04/1998			<input type="checkbox"/>
	EKK	WO	98/22101 A	05/1998			<input type="checkbox"/>
	ELL	WO	00/17159 A	3/2000			<input type="checkbox"/>
	EMM	WO	00/35865	06/2000			<input type="checkbox"/>
Fk	FA	WO	00/73264 A	12/2000			<input type="checkbox"/>
	FB						<input type="checkbox"/>

Examiner Signature	Krass	Date Considered	09/03
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

of

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Application Number	10/052,905
Filing Date	November 2, 2001
First Named Inventor	Schwendner, Susan, et. al.
Art Unit	1614
Examiner Name	Unassigned
Attorney Docket Number	018781-007210US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
FL	BC	Fielding et al, "Synthesis and Reactions of 4-sulpho-2,3,5,6-Tetrafluorobenzoic Acid"; <i>Journal of Fluorine Chemistry</i> , Vol. 59, No. 1, pp. 15-31 (1992)	
	BD	Raibekas et al. "Affinity Probing of Flavin Binding Sites. 2. Identification of Reactive cysteine in the Flavin Domain of <i>Escherichia coli</i> DNA Photolyase"; <i>Biochemistry</i> , Vol. 33, No. 42, pp. 12656-12664 (1994)	
	BE	Shealy et al. "2-Haloethylating Agents for Cancer Chemotherapy. 2-Haloethyl Sulfonates"; <i>Journal of Medicinal Chemistry</i> , Vol. 26, pp. 1168-1173 (August 1983)	
	BF	Olander et al., "A Study of the binding of two sulfonamides to Carbonic Anhydrase"; <i>Journal of American Chemical Society</i> , Vol. 95, No. 5, pp. 1616-1621 (March 7, 1973)	
	BG	Hawkinson, et al; "Studies of the Solvolysis of 2-Adamantyl Pentafluorobenzenesulfonate: A Y _{PFBS} Scale"; <i>The Journal of Organic Chemistry</i> , August 1988, Vol. 53, No. 16, pp 3857-3860.	
	BH	Chemical Abstracts, Vol. 50, No. 1, 10 January 1956 Columbus, Ohio, US; abstract no. 217g, V.O. Lukashevich: "Sulphonation of halogen-substituted benzene derivatives. formation of anhydrides of corresponding sulphonic acids" column 217; XP002083056 see abstract & Doklady Akad. Nauk S.S.S.R., Vol. 99, 1954, pages 995-998.	
	BI	Chemical Abstracts, vol. 74, no. 14, 5 April 1971, Columbus, Ohio, US; abstract no. 65535a, D. Simov, Et al.: "Preparation of azo dyes containing amobile chlorine atom in the benzene ring" page 81: XP002083055 see abstract & IZV. OTD. KHIM. NAUKI, BULG. AKAD. NAUK, vol. 3, no. 1, 1970, pages 69-82.	
	BJ	I.C. Poppoff, et al.: "Antimalarial agents. 8. Ring-substituted bis-(4-aminophenyl) sulphones and their precursors" <i>Journal of Medicinal Chemistry</i> , vol. 14, no. 12, December 1971, pages 1166-1169, XP002083052 Washington, DC, US see compounds V, VIII, X, XI, XIII, XVII, XIX, XXVIII, XXXII, XXXVI-XXXVIII, XLI, XLII, XLIV, XLV.	
	BK	G.E. Chivers, et al.: "Studies in the chemistry of polyhalogenobenzene compounds. The synthesis and reactivity of 2,3,5,6- and 2,3,4,5-tetrachlorobenzenesulphonyl chlorides and related compounds"; <i>Australian Journal of Chemistry</i> , vol. 29, no. 7, July 1976, pages 1572-1582, XP002083174, Melbourne, AU	
	BL	P.G. DeBenedetti, et al.; "Quantitative structure-activity analysis in dihydropteroate synthase inhibition by sulphones. Comparison with sulphanilamides" <i>Journal of Medicinal Chemistry</i> , vol. 30, no. 3, March 1987, pages 459-464. XP002083053 Washington, DC, US	
FL	BM	V.N. Babushkin, et al.: "Influence of substituents on the frequency of stretching vibrations of sulphur-containing bridging groups in diphenyl systems" <i>Journal of General Chemistry of the USSR</i> , Vol. 58, No. 7, pt. 2, July 1988., pages 1457-1460. XP002083054 New York, US	

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FL	DC	Bai, et al.; "Identification of the cystein Residue of β -Tubulin Alkylated by the Antimitotic Agent 2,4-Dichlorobenzyl Thiocyanate, Facilitated by Separation of the Protein subunits of Tubulin by Hydrophobic column chromatography"; <i>Biochemistry</i> 1989, Vol. 28, pp 5606-5612.	
	DD	Fadeeva, V.P., et al., "Gas-chromatographic separation of sulfur-and fluorine-containing pyrolysis products", <i>Chemical Abstracts</i> , 76:(5) (01/31/72)	
	DE	Gerig et al., "Aromatic Ring Dynamics in a Carbonic Anhydrase-Inhibitor Complex", <i>Journal of the Chemical Society Chemical Communications</i> , No.6, pp 482-484 (1987)	
	DF	Luduena, E.F., et al. "Interaction of Ethacrynic Acid with Bovine Brain Tubulin", <i>Biochemical Pharmacology</i> , 47:(9) 1677-1681 (04/29/94)	
	DG	March, <i>Advanced Organic Chemistry</i> , 4th Edition, 1992 p. 497	
	DH	Yoshimoto et al., "Correlation Analysis of Baker's Studies...", <i>J. Med. Chem.</i> , 19:(1) 71-98 (1976)	
FL	DI	Taniuch et al., <i>Chem Abstract.</i> 82:126077, 1975.	
	DJ		
	DK		
	DL		
	DM		

Examiner
Signature

Krass

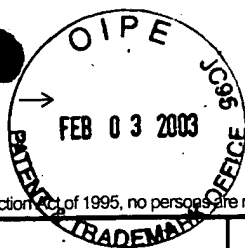
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Sheet **3** of**Complete if Known**

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	AB	US-			

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	AC					<input type="checkbox"/>
	AD					<input type="checkbox"/>

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FL	AE	Medina et al., "Novel Antineoplastic Agents with Efficacy Against Multidrug Resistant Tumor Cell Lines", <i>Bioorg. Med. Chem. Lett.</i> , 8(9) , pp 2653-2656 (1998)	
	AF		

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